

# Owners Manual For **SOUND FEEDER™** Wireless FM Stereo Transmitter



**Model  
SF250**

SF250 SOUND FEEDER is a multi-purpose stereo music transmitter suitable for use with most types of consumer audio equipment. Sound Feeder allows you to listen to your favorite music through any nearby FM receiver. This state-of-the-art portable transmitter wirelessly connects portable players and computers to your vehicle or home stereo quickly and easily. Simply plug the Sound Feeder into the headphone or audio jack of any audio source and then tune your FM radio to one of 8 possible FM frequencies to experience enhanced stereo sound.

Sound Feeder is the leading alternative to the old cassette-shell type CD Adapter which does not work well with many types of car music systems.

Another popular use of Sound Feeder is to transmit music files from a personal computer play list to a nearby FM stereo system, eliminating the need to buy large amplified speakers for the computer.

Use Sound Feeder wherever enhanced stereo sound is desired and wire connection is not convenient.

## SET UP AND OPERATION

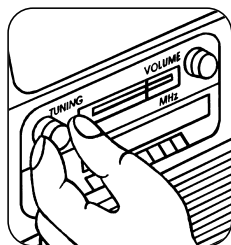
1. Slide open the battery compartment and insert two AAA batteries (Alkaline type is preferred).
2. Turn the ON/OFF/BAND switch to 88 and set the Frequency switch to 0.1. This will allow the Sound Feeder to transmit at FM 88.1 frequency.



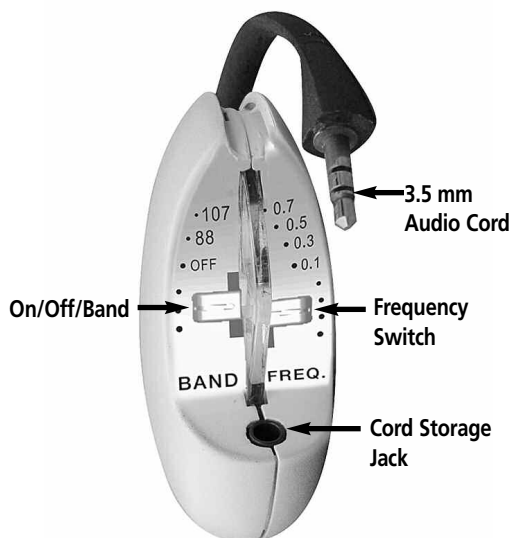
3. Unplug the Sound Feeder's audio cord from its storage jack and connect it to the headphone or audio out jack of your portable player or computer.



4. Turn on your portable player and set to medium volume.



5. Turn on your FM radio to medium volume and set it to FM 88.1 frequency. You should hear your music played over the FM radio. If you find that the 88.1 frequency is already being used by another broadcaster, then select another frequency (88.3, 88.5, or 88.7. You can also set the ON/OFF/BAND switch to 107 and try 107.1, 107.3, 107.5 and 107.7).



## OPERATING TIPS

Once you have discovered the best transmitting frequency to use for your area, you can make a note of the frequency and then directly tune to that frequency in the future or store this frequency as one of your preset stations.

If you drive your car to another city and are listening to Sound Feeder, you may encounter interference from a radio station in that city that is using the same frequency that you are. If that is the case, you may need to select another frequency of the total of 8 possible frequencies.

When no longer using Sound Feeder, slide the ON/OFF/BAND switch to the off position to conserve battery power.

## SPECIFICATIONS

Operating Voltage	: 3V
Consumption Current	: 10mA (No input signal)
Transmitting Frequencies (FM):	88.1 / 88.3 / 88.5 / 88.7 / 107.1 / 107.31 / 107.51 / 107.7 MHz
Transmission Range	: 10 - 30 Ft.
Channel Separation	: 40 dB (Stereo)
Maximum Input	: 400 mVpp
Signal Level	
Audio Input Impedance	: 600 ohm
Audio Response	: 50Hz-15KHz (+/- 3 dB)
Pilot	: -10% of MPX
Dimensions (Body)	: Length : 3" : Width : 2 1/4" : Height : 7/8"
Weight	: 1.4 oz.
Audio Cord Length	: 6.5"

## SELF TROUBLESHOOTING METHODS

CONDITION	REASONS	RESPONSES
No Signal or Sound	• Power switch is OFF.	• Turn power switch ON
	• No battery or dead battery.	• Check battery and battery installation (Note: If the power switch was mistakenly left ON for many days, it may have drained the battery).
	• Battery incorrectly installed.	
Sound No Good	• Incorrect frequency setting.	• Make sure the frequency setting of Sound Feeder matches that of the receiving radio.
	• Receiving radio not set to FM band.	• Select a different unused frequency (8 Possible)
	• Your selected FM frequency is already being used by other broadcaster.	
	• Audio source not ON.	• Check your audio source.
	• Interference from other broadcast stations.	• Select a different unused frequency (8 Possible)
	• Audio cord connected to audio out jack	• Try connecting audio cord to phone jack for better sound.

**WARNING** NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment & receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- Shielded interface cables must be used in order to comply with the emission limits.

CAUTION: CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

## TOLL FREE HELP

**1-800-841-0884**  
Mon-Fri. 9:00am - 5:00pm  
West Coast Time  
or FAX (626) 254-9266

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